



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Koji Matsuo et al.

Serial No.: 10/025,701

Group Art Unit: 1731

Filed: Decem

Examiner: Unassigned

For: ETCHING SOLUTION, CONTAINING HYDROFLUORIC ACID

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98**

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

**CITED MATERIALS**

Applicant(s) hereby disclose the information listed in the attached form PTO-1449.

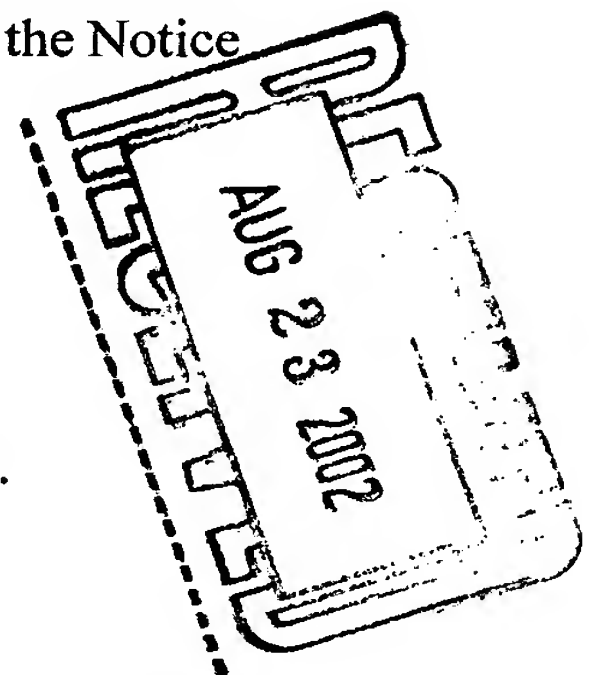
- ☐ Copies of materials listed but not attached were cited in parent application Serial No. \_\_\_\_; see 37 C.F.R. § 1.98(d).
- ☐ Copies of materials listed but not attached were cited in an International Search Report dated ; receipt of the International Search Report and copies of references was confirmed by the PCT International Division of the U.S. PTO in the Notice of Acceptance mailed .

**ADDITIONAL INFORMATION**

**LANGUAGE**

- ☐ All listed materials are in the English language; see 37 C.F.R. § 1.98.
- ☐ Non-English language references:
  - ☐ The reference(s): \_\_\_\_\_ in the English-language is (are) indicated by commercial data bases to correspond to the reference(s): \_\_\_\_\_, respectively.
  - ☐ (An) English-language translation(s) of the references: \_\_\_\_\_ is (are) provided.
  - ☐ A commercial English-language abstract of reference(s) \_\_\_\_\_ is (are) provided.
  - ☒ An English-language search report or an equivalent paper from a foreign patent office translated into English in pertinent part in connection with a counterpart foreign application, is provided indicating the relevance of the cited reference(s).

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## FEES

- ☒ No fee is required for this Information Disclosure Statement because:
- ☐ This Information Disclosure Statement is being filed within three months of the filing date of a national application (other than a CPA) under § 1.53(d) or within 3 months of the date of entry of the national stage under § 1.491 in an international application;
  - ☒ This Information Disclosure Statement is being filed before the mailing of a first action on the merits;
  - ☐ This Information Disclosure Statement is being filed after a first action on the merits but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that closes prosecution in the application, and is accompanied by a certification below.
  - ☐ This Information Disclosure Statement is filed under 37 C.F.R. § 1.97(i).
- ☐ A fee is required for this Information Disclosure Statement:
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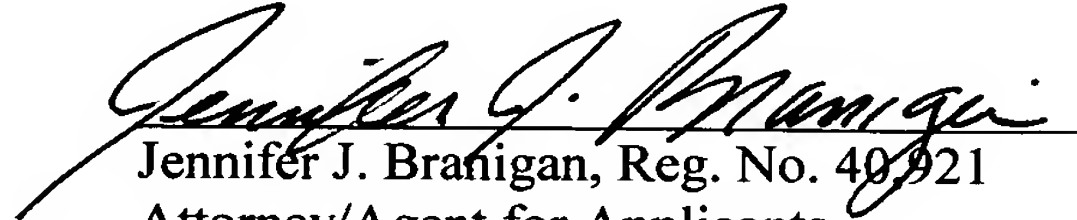
## CERTIFICATION

- ☒ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned, having made reasonable inquiry, no such item was known to any individual designated in 37 CFR § 1.56(c), more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

If a fee is due, attached is a check in the amount of \$\_\_\_\_\_. However, the Commissioner is hereby authorized to charge fees under 37 CFR § 1.16 and § 1.17 which may be required to facilitate this filing, or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

  
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Attorney/Agent for Applicants

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Attorney Docket No.: Merck-2341

Date: August 16, 2002

JJB:cas

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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	1
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**Complete if Known**

Application Number	10/025,701
Filing Date	December 26, 2001
First Named Inventor	MATSUO et al.
Group Art Unit	1731
Examiner Name	Unassigned
Attorney Docket Number	KOJIM-443

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	WO 00 55100 A (CORNING INC ; BERKEY GEORGE D (US); MOORE LISA A (US); PIERSON MICH) 21 September 2000 (2000-09-21) * abstract * * page 1, line 15 - line 21 * * page 5, line 10 - line 17 * * page 6, line 30 - page 7, line 14 * * page 8, line 24 - page 9, line 11 * * page 13, line 20 - line 24 * * page 30, line 26 - page 31, line 5; example 2 * ---	1, 3, 4	C03B19/14 C03C3/06
X	WO 00 48046 A (CORNING INC) 17 August 2000 (2000-08-17) * abstract * * page 11, line 13 - line 16 * -----	3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			C03B C03C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 May 2002	Examiner Grenette, S
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div><div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... &amp; : member of the same patent family, corresponding document</div></div>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 31 0743

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

16-05-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0055100      A      21-09-2000	US	6319634 B1	20-11-2001
	EP	1161403 A1	12-12-2001
	WO	0055100 A1	21-09-2000
	US	2001027025 A1	04-10-2001
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WO 0048046      A      17-08-2000	US	6242136 B1	05-06-2001
	EP	1166183 A1	02-01-2002
	WO	0048046 A1	17-08-2000
	US	2001014424 A1	16-08-2001
	US	2001027025 A1	04-10-2001
	US	2002004173 A1	10-01-2002
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Europäisches  
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abteilung

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Département à  
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Datum/Date

12.06.02

Zeichen/Ref./Réf.

GPS/FP5979414

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

01310743.8-1218-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire  
SHIN-ETSU CHEMICAL CO., LTD.

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 1

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.

